

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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October 17, 2011

07-LA-5-1.2/2.1

07-215914

Project ID 0700001831

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN LOS ANGELES COUNTY IN SANTA FE SPRINGS FROM 0.3 MILE SOUTH OF NORTH FORK COYOTE CREEK BRIDGE TO 0.3 MILE NORTH OF MARQUARDT AVENUE AND AT NORWALK HUB AND LOS ANGELES REGIONAL TRANSPORTATION MANAGEMENT CENTER.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on Thursday, October 27, 2011.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions and the Bid book.

Project Plan Sheets 12, 13, 27, 28, 66, 69, 70, 71, 82, 234, 265, 267, 269, 271, 279, 329, 387, 497, 512, 565, 569, 590, 591, 592, 594, 595, 596, 597, and 598 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 279A and 342A are added. Copies of the added sheets are attached for addition to the project plans.

In the Notice to Bidders and Special Provisions, in the "STANDARD PLANS LIST," the following Standard Plan is added:

"RSP A90A Accessible Parking Off-Street."

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the following paragraph is added after the second paragraph:

"The Contractor must allow access to the public and vendors to parcel No. 79726-1 at any time between March 1, 2012 and February 1, 2013 even after the legal possession of the condemnation parcel No. 79726-1 on March 1, 2012. The Engineer will determine and notify in writing prior to 2 weeks before condemnation parcel No. 79726-1 is completely closed for legal access to the public and vendors."

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In the Special Provisions, Section 10-1.17, "RIGHT OF WAY OBSTRUCTIONS," is revised as attached.

In the Special Provisions, Section 10-1.40, "LIGHTWEIGHT FILL (EPS BLOCK)," subsection "Payment," the second paragraph is revised as follows:

"The contract price paid per cubic yard for lightweight fill (Expanded Polystyrene Block) includes full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in placing lightweight fill (Expanded Polystyrene Block), complete in place, including excavation and backfill, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer."

In the Special Provisions, Section 10-1.465, "GRAVEL (MISCELLANEOUS AREAS)," is added as attached.

In the Special Provisions, Section 10-1.835, "CHAIN LINK FENCE (VINYL CLAD)," is added as attached.

In the Special Provisions, Section 10-1.84, "CHAIN LINK RAILING," is revised as attached.

In the Special Provisions, Section 10-2.01, "GENERAL," subsection "COST BREAK-DOWN," is revised as attached.

In the Special Provisions, Section 10-2.04, "HIGHWAY PLANTING," subsection "ROADSIDE CLEARING," is revised as attached.

In the Special Provisions, Section 10-2.05, "IRRIGATION SYSTEMS," subsection "BACKFLOW PREVENTER ASSEMBLIES," is revised as attached.

In the Bid book, in the "Bid Item List," Items 54, 66, 68, 76, 80, 93, 95, 96, 97, 98, 99, 104, 105, 113, 114, 115, 116, 117, 126, 127, 133, 134, 143, 144, 183, 190, and 201 are revised, Items 226, 227, and 228 are added and Items 94 and 225 are deleted as attached.

To Bid book holders:

Replace pages 5, 6, 7, 8, 9, 10, 12, 13 and 14 of the "Bid Item List" in the Bid book with the attached revised pages 5, 6, 7, 8, 9, 10, 12, 13 and 14 of the Bid Item List. The revised Bid Item List is to be used in the bid.

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the Notice to Bidders section of the Notice to Bidders and Special Provisions.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the Bid book.

Submit bids in the Bid book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

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This addendum and attachments are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/07/07-215914

If you are not a Bid book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,



REBECCA D. HARNAGEL
Chief, Office of Plans, Specifications & Estimates
Office Engineer
Division of Engineering Services

Attachments

10-1.17 RIGHT OF WAY OBSTRUCTIONS

Attention is directed to the occupied improvements located within the right of way at:

Parcel No.	Description	Date
79720	Work around Parcel	01/27/2012
79721	Work around Parcel	01/27/2012
79726	Work around Parcel	03/01/2012
79727	Work around Parcel	11/30/2011
79728	Work around Parcel	02/28/2012
79729	Work around Parcel	02/28/2012
79730	Work around Parcel	01/30/2012
79731	Work around Parcel	12/12/2011

It is anticipated that the State will have legal possession and control of the above referenced parcels by March 1, 2012. If control is obtained sooner, the Engineer will release the work around parcel by notifying the Contractors in writing that the State has legal right and possession of the required right of way.

The Contractor shall take no action that will result in unnecessary inconvenience, disproportionate injury or any action coercive in nature to the occupants of these improvements who have not yet moved from the improvements.

In the event that the improvements in the right of way secured for the project mentioned on the parcels above are not removed by the date specified and, if in the opinion of the Engineer, the Contractor's operations are delayed or interfered with by reason of the improvements not being removed by the date specified, the State will compensate the Contractor for the delays to the extent provided in Section 8-1.09, "Right of Way Delays," of the Standard Specifications.

10-1.465 GRAVEL (MISCELLANEOUS AREAS)

GENERAL

Summary

This work consists of installing gravel in miscellaneous areas as shown on the plans outside the traveled way.

Submittals

Submit the following items for approval:

1. Samples: Submit a 5 pound sample of gravel for approval before delivery of materials to the site.

MATERIALS

Edging

Edging and stakes must be construction grade lumber, and comply with Sections 20-2.12, "Lumber," and 20-4.04, "Header Boards," of the Standard Specifications.

Edging must be a minimum 1" x 4" nominal. Stakes must be 1" x 2" nominal and 12 inches in length.

Soil Sterilant

Soil sterilant must be oxadiazon and must comply with Section 20-4.026, "Pesticides," of the Standard Specification.

Aggregate Base

Aggregate base must comply with 3/4-inch maximum aggregate grading under Section 26-1.02A, "Class 2 Aggregate Base," of the Standard Specifications.

Gravel

Gravel must consist of crushed rock and must comply with the following:

Grading Requirements	
Sieve Size	Percent Passing
1-1/4 inch	100
3/4 inch	60-80
1/2 inch	45-65
No. 40	5-20

The color of gravel must be tan or Federal Color #30400.

CONSTRUCTION

Clearing

Prior to beginning gravel work, areas to receive the gravel shall be cleared in conformance with the provisions in "Roadside Clearing" of these special provisions.

Treatment of Soil

After compaction, the areas shall be sterilized with oxadiazon. The soil sterilant shall be applied at the maximum label rate and shall not be applied more than 12 inches beyond the gravel limits. Soil sterilant shall conform to the provisions in Section 20-4.026, "Pesticides," of the Standard Specifications.

Edging Installation

Install edging to delineate the limits of the gravel areas. Edging will not be required between gravel areas and the adjacent face of soundwalls, pavement edges, curbs, dikes or rock blanket areas.

Aggregate Base Installation

Spread and compact aggregate base must conform to Section 26-1.04, "Spreading," and Section 26-1.05, "Compacting," of the Standard Specifications.

Gravel Installation

Do not install gravel work during rainy conditions

Place gravel and compact by rolling. When work is complete, the surface must be smooth, compact, and uniform; maintaining original flow lines, slope gradient and contours of the project site.

MEASUREMENT AND PAYMENT

Gravel (miscellaneous areas) will be measured by the square yard as determined from actual measurements made parallel to the ground slope.

The contract price paid per square yard for gravel (miscellaneous areas) includes full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in installing gravel, complete in place, including site preparation, soil treatment, aggregate base, and edging, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

10-1.835 CHAIN LINK FENCE (VINYL CLAD)

Chain link fence shall be Type CL-6 and Type CL-6, vinyl clad and shall conform to the provisions in Section 80, "Fences," of the Standard Specifications and these special provisions.

Vinyl Clad for Chain Link Fence (Type CL-6, Vinyl Clad) shall be equal to black (federal color #37030) and shall conform to the provisions in Section 83-1.02 I, "Chain Link Railing," of the Standard Specifications.

10-1.84 CHAIN LINK RAILING

Chain link railing shall conform to the provisions in Section 83-1, "Railings," of the Standard Specifications and these special provisions.

Decorative metal, as shown on the plans, shall conform to the provisions for steel plates in Section 75, "Miscellaneous Metal," of the Standard Specifications and these special provisions.

Vinyl clad for Chain Link Railing shall be medium green and shall conform to the provisions in Section 83-1.021, "Chain Link Railing," of the Standard Specifications.

COST BREAK-DOWN

The Contractor shall furnish the Engineer a cost break-down for the contract lump sum items of highway planting and irrigation system. Cost break-down tables shall be submitted to the Engineer for approval within 15 working days after the contract has been approved. Cost break-down tables will be approved, in writing, by the Engineer before any partial payment will be made for the applicable items of highway planting and irrigation system involved.

Attention is directed to "Time-Related Overhead" of these special provisions regarding compensation for time-related overhead.

Cost break-downs shall be completed and furnished in the format shown in the samples of the cost break-downs included in this section. Line item descriptions of work shown in the samples are the minimum to be submitted. Additional line item descriptions of work may be designated by the Contractor. If the Contractor elects to designate additional line item descriptions of work, the quantity, value and amount for those line items shall be completed in the same manner as for the unit descriptions shown in the samples. The line items and quantities given in the samples are to show the manner of preparing the cost break-downs to be furnished by the Contractor.

The Contractor shall determine the quantities required to complete the work shown on the plans. The quantities and their values shall be included in the cost break-downs submitted to the Engineer for approval. The Contractor shall be responsible for the accuracy of the quantities and values used in the cost break-downs submitted for approval.

The sum of the amounts for the line items of work listed in each cost break-down table for highway planting and for irrigation system work shall be equal to the contract lump sum price bid for Highway Planting and Irrigation System, respectively. Overhead and profit, except for time-related overhead, shall be included in each individual line item of work listed in a cost break-down table.

No adjustment in compensation will be made in the contract lump sum prices paid for highway planting and irrigation system due to differences between the quantities shown in the cost break-downs furnished by the Contractor and the quantities required to complete the work as shown on the plans and as specified in these special provisions.

Individual line item values in the approved cost break-down tables will be used to determine partial payments during the progress of the work and as the basis for calculating an adjustment in compensation for the contract lump sum items of highway planting and irrigation system due to changes in line items of work ordered by the Engineer. When the total of ordered changes to line items of work increases or decreases the lump sum price bid for either Highway Planting or Irrigation System by more than 25 percent, the adjustment in compensation for the applicable lump sum item will be determined in the same manner specified for increases and decreases in the total pay quantity of an item of work in Section 4-1.03B, "Increased or Decreased Quantities," of the Standard Specifications.

HIGHWAY PLANTING COST BREAK-DOWN

Contract No. 07-215914

UNIT DESCRIPTION	UNIT	APPROXIMATE QUANTITY	VALUE	AMOUNT
ROADSIDE CLEARING	LS	LUMP SUM		
PLANT (GROUP A)	EA	1,105		
PLANT (GROUP H)	EA	12,714		
PLANT (GROUP M)	EA	844		
PLANT (GROUP U)	EA	46		
PLANT (GROUP Z)	EA	15		
MULCH	CY	354		
TURF (SOD)	SQFT	10,000		
CULTIVATE	SQYD	1,111		
SOIL AMENDMENT	CY	30		
COMMERCIAL FERTILIZER (SLOW RELEASE)	LB	898		

TOTAL _____

IRRIGATION SYSTEM COST BREAK-DOWN

Contract No. 07-215914

UNIT DESCRIPTION	UNIT	APPROXIMATE QUANTITY	VALUE	AMOUNT
CONTROL AND NEUTRAL CONDUCTORS	LS	LUMP SUM		
1" ELECTRIC REMOTE CONTROL VALVE	EA	10		
1½" ELECTRIC REMOTE CONTROL VALVE	EA	5		
2" ELECTRIC REMOTE CONTROL VALVE	EA	1		
12 STATION IRRIGATION CONTROLLER (WALL MOUNTED)	EA	1		
4 STATION IRRIGATION CONTROLLER (SOLAR) WITH ENCLOSURE	EA	2		
6 STATION IRRIGATION CONTROLLER (SOLAR) WITH ENCLOSURE	EA	1		
IRRIGATION CONTROLLER ENCLOSURE CABINET (SINGLE)	EA	1		
½" PLASTIC PIPE (IRRIGATION LINE WITH DRIP EMITTERS)	LF	2500		
¾" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	740		
1" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	6190		
1¼" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	170		
1½" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	490		
2" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	430		
2½" PLASTIC PIPE (PR 200) (SUPPLY LINE)	LF	800		
1½" PLASTIC PIPE (PR 315) (SUPPLY LINE)	LF	40		
2" PLASTIC PIPE (PR 315) (SUPPLY LINE)	LF	80		
1½" GALVANIZED STEEL PIPE (SUPPLY LINE)	LF	20		
2" GALVANIZED STEEL PIPE (SUPPLY LINE)	LF	60		
BACKFLOW PREVENTER ASSEMBLY ENCLOSURE	EA	4		
1" BACKFLOW PREVENTER ASSEMBLY	EA	2		

CONTRACT NO. 07-215914
REVISED PER ADDENDUM NO. 1 DATED OCTOBER 17, 2011

UNIT DESCRIPTION	UNIT	APPROXIMATE QUANTITY	VALUE	AMOUNT
1½" BACKFLOW PREVENTER ASSEMBLY	EA	1		
2" BACKFLOW PREVENTER ASSEMBLY	EA	1		
SPRINKLER (TYPE A-5)	EA	36		
SPRINKLER (TYPE A-7)	EA	30		
SPRINKLER (TYPE B-6)	EA	91		
SPRINKLER (TYPE C-2 MOD)	EA	61		
SPRINKLER (TYPE C-2)	EA	147		
1½" FILTER ASSEMBLY UNIT	EA	1		
2½" GATE VALVE	EA	1		
AIR/VACUUM RELIEF VALVE	EA	1		
AUTOMATIC FLUSH VALVE	EA	1		
¾ "QUICK COUPLING VALVE	EA	2		
1¼" BALL VALVE	EA	1		
1½" BALL VALVE	EA	4		
IRRIGATION SYSTEMS FUNCTIONAL TEST	LS	LUMP SUM		

TOTAL _____

ROADSIDE CLEARING

Before preparing planting areas, gravel (miscellaneous areas), mulch areas, and wild flower seeding areas, or commencing irrigation trenching operations for planting areas, trash and debris shall be removed from the entire highway right of way within the project limits as required under Construction Site Management of these special provisions.

The project area shall be cleared as specified herein:

- A. Weeds shall be killed and removed within the entire highway right of way, within the project limits, except for existing planting areas to be maintained, and including median areas, new and existing pavement, curb, sidewalk and other surfaced areas.

After the initial roadside clearing is complete, additional roadside clearing work shall be performed as necessary to maintain the areas, as specified above, in a neat appearance until the start of the plant establishment period. This work shall include the following:

- A. Trash and debris shall be removed.
- B. Rodents shall be controlled.
- C. Weed growth shall be killed before the weeds reach the seed stage of growth or exceed 6 inches in length, whichever occurs first.
- D. Existing ground cover shall be killed and removed from within the 6-foot diameter areas specified for each proposed plant location within the existing ground cover areas.
- E. Weeds in plant basins, including basin walls, shall be removed by hand pulling, after the plants have been planted.

Weed Control

Weed control shall also conform to the following:

- A. Stolon type weeds shall be killed with glyphosate.
- B. Tumbleweeds shall be removed by hand pulling before the tumbleweeds reach a height of 6 inches.
- C. Removed weeds and ground cover shall be disposed of outside the highway right of way in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications.

Roadside clearing work shall not include work required to be performed as clearing and grubbing as specified in Section 16, "Clearing and Grubbing," of the Standard Specifications.

BACKFLOW PREVENTER ASSEMBLIES

Backflow preventers shall conform to the provisions in Section 20-2.25, "Backflow Preventers," of the Standard Specifications and these special provisions.

Backflow preventers shall have current approval from the University of Southern California Foundation for Cross-Connection Control and Hydraulic Research (USC Foundation).

Before backflow preventer assembly installation, the Contractor shall provide the Engineer with the portion of the USC Foundation "List of Approved Backflow Prevention Assemblies" showing type of assembly, manufacturer's name, model number, edition of the manual under which the assembly was approved, approval date and the last renewal date.

The "List of Approved Backflow Prevention Assemblies" is available to Foundation Members. Membership information to join the USC Foundation is available at:

<http://www.usc.edu/dept/fccchr/membership.html>

Questions concerning the USC Foundation "List of Approved Backflow Prevention Assemblies" can be answered by calling the Foundation at toll free (866) 545-6340.

Pressure loss through the backflow preventers shall not exceed the following:

BACKFLOW PREVENTER SIZE (Inches)	FLOW RATE (Gallons Per Minute)	PRESSURE LOSS (PSI)
1	50	13.5
1½	100	15
2	160	15

BID ITEM LIST

07-215914

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	150747	REMOVE ROADSIDE SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	10		
42	150760	REMOVE SIGN STRUCTURE	EA	1		
43	150806	REMOVE PIPE	LF	670		
44	150820	REMOVE INLET	EA	9		
45	150821	REMOVE HEADWALL	EA	7		
46	150826	REMOVE MANHOLE	EA	4		
47	150846	REMOVE CONCRETE PAVEMENT	SQFT	261,000		
48	150857	REMOVE ASPHALT CONCRETE SURFACING	SQYD	29,600		
49	152390	RELOCATE ROADSIDE SIGN	EA	4		
50	152440	ADJUST MANHOLE TO GRADE	EA	1		
51	021359	ADJUST FRAME AND COVER TO GRADE (SEWER)	EA	3		
52	021360	ADJUST MANHOLE TO GRADE (SEWER)	EA	4		
53	152604	MODIFY INLET	EA	1		
54	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	2,770		
55	153210	REMOVE CONCRETE	CY	320		
56	153214	REMOVE CONCRETE CURB	LF	9,300		
57	156590	REMOVE CRASH CUSHION (SAND FILLED)	EA	4		
58	157551	BRIDGE REMOVAL, LOCATION A	LS	LUMP SUM	LUMP SUM	
59	157552	BRIDGE REMOVAL, LOCATION B	LS	LUMP SUM	LUMP SUM	
60	157553	BRIDGE REMOVAL, LOCATION C	LS	LUMP SUM	LUMP SUM	

BID ITEM LIST

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
62	190101	ROADWAY EXCAVATION	CY	37,500		
63	021361	ROADWAY EXCAVATION (CONTAMINATED MATERIAL)	CY	1,720		
64	190107	ROADWAY EXCAVATION (TYPE Y-1) (AERIALY DEPOSITED LEAD)	CY	11,000		
65	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
66 (F)	021362	STRUCTURE EXCAVATION (AUSTIN VAULT), CONTAMINATED	CY	6,615		
67 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	5,150		
68 (F)	192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	4,189		
69 (F)	192057	STRUCTURE EXCAVATION (TYPE Y-1) (AERIALY DEPOSITED LEAD)	CY	924		
70	192502	SAND BEDDING	CY	150		
71	021363	SAND BED (AUSTIN VAULT)	CY	380		
72 (F)	021364	STRUCTURE BACKFILL (AUSTIN VAULT)	CY	720		
73 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	CY	5,472		
74 (F)	193006	STRUCTURE BACKFILL (SLURRY CEMENT)	CY	228		
75 (F)	043324	STRUCTURE EXCAVATION (BRIDGE), CONTAMINATED	CY	3,690		
76 (F)	193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	6,711		
77	193114	SAND BACKFILL	CY	110		
78	194001	DITCH EXCAVATION	CY	460		
79	021365	DITCH EXCAVATION (BIOSWALE)	CY	80		
80 (F)	197021	EARTH RETAINING STRUCTURE, LOCATION A	SQFT	1,525		

BID ITEM LIST

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81 (F)	197022	EARTH RETAINING STRUCTURE, LOCATION B	SQFT	4,895		
82 (F)	197023	EARTH RETAINING STRUCTURE, LOCATION C	SQFT	7,640		
83 (F)	197024	EARTH RETAINING STRUCTURE, LOCATION D	SQFT	6,800		
84	043325	GEOSYNTHETIC REINFORCED EMBANKMENT	SQFT	4,675		
85	198001	IMPORTED BORROW (CY)	CY	63,500		
86	021366	LIGHTWEIGHT FILL (EXPANDED POLYSTYRENE BLOCK)	CY	1,740		
87	021367	GASOLINE RESISTANT GEOMEMBRANE	SQYD	2,320		
88	200001	HIGHWAY PLANTING	LS	LUMP SUM	LUMP SUM	
89	200114	ROCK BLANKET	SQYD	2,320		
90	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
91	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
92 (F)	208028	3" SUPPLY LINE (BRIDGE)	LF	482		
93	208310	IRRIGATION SLEEVE	LF	200		
94	BLANK					
95	260301	CLASS 3 AGGREGATE BASE	CY	19,900		
96	280000	LEAN CONCRETE BASE	CY	17,200		
97	021368	LEAN CONCRETE BASE (RAPID SETTING)	CY	450		
98	390132	HOT MIX ASPHALT (TYPE A)	TON	6,490		
99	390133	HOT MIX ASPHALT (TYPE B)	TON	6,640		
100	394060	DATA CORE	LS	LUMP SUM	LUMP SUM	

BID ITEM LIST

07-215914

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)	LF	100		
102	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	220		
103	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	130		
104	397005	TACK COAT	TON	22		
105	401050	JOINTED PLAIN CONCRETE PAVEMENT	CY	17,200		
106	401108	REPLACE CONCRETE PAVEMENT (RAPID STRENGTH CONCRETE)	CY	29		
107	404092	SEAL PAVEMENT JOINT	LF	26,000		
108	404093	SEAL ISOLATION JOINT	LF	650		
109	406001	TIE BAR	EA	9,520		
110	021369	DOWEL BAR	EA	25,100		
111	043326	44" PERMANENT STEEL CASING	LF	265		
112	043327	56" PERMANENT STEEL CASING	LF	207		
113	490603	24" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	7,606		
114	490605	36" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	2,366		
115	490607	48" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	1,648		
116	490742	FURNISH PILING (CLASS 90) (ALTERNATIVE W)	LF	10,939		
117	490743	DRIVE PILE (CLASS 90) (ALTERNATIVE W)	EA	221		
118	490746	FURNISH PILING (CLASS 140) (ALTERNATIVE W)	LF	21,583		
119	490747	DRIVE PILE (CLASS 140) (ALTERNATIVE W)	EA	412		
120	490782	FURNISH PILING (CLASS 200) (ALTERNATIVE W)	LF	6,454		

BID ITEM LIST

07-215914

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121	490783	DRIVE PILE (CLASS 200) (ALTERNATIVE W)	EA	128		
122	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	LUMP SUM	LUMP SUM	
123 (F)	043328	CONCRETE CURB (TYPE A3-8)	CY	32		
124 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	1,560		
125 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	CY	10,125		
126 (F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	2,766		
127 (F)	510072	STRUCTURAL CONCRETE, BARRIER SLAB	CY	571		
128 (F)	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	988		
129 (F)	510090	STRUCTURAL CONCRETE, BOX CULVERT	CY	264		
130 (F)	021370	STRUCTURAL CONCRETE (AUSTIN VAULT)	CY	1,084		
131 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	189		
132 (F)	510526	MINOR CONCRETE (BACKFILL)	CY	42		
133 (F)	511035	ARCHITECTURAL TREATMENT	SQFT	37,187		
134 (F)	511036	ARCHITECTURAL SURFACE (BARRIER)	SQFT	8,750		
135 (F)	511106	DRILL AND BOND DOWEL	LF	718		
136 (F)	512279	FURNISH PRECAST PRESTRESSED CONCRETE BULB-TEE GIRDER (100'- 110')	EA	10		
137 (F)	512280	FURNISH PRECAST PRESTRESSED CONCRETE BULB-TEE GIRDER (110'- 120')	EA	24		
138 (F)	512401	ERECT PRECAST CONCRETE GIRDER	EA	34		
139	518051	PTFE SPHERICAL BEARING	EA	20		
140	519081	JOINT SEAL (MR 1/2")	LF	355		

BID ITEM LIST

07-215914

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141	519088	JOINT SEAL (MR 1")	LF	714		
142	519099	JOINT SEAL ASSEMBLY (MR 6")	LF	325		
143 (F)	520102	BAR REINFORCING STEEL (BRIDGE)	LB	3,201,500		
144 (F)	520103	BAR REINFORCING STEEL (RETAINING WALL)	LB	314,921		
145 (F)	021371	BAR REINFORCING STEEL (AUSTIN VAULT)	LB	269,980		
146 (F)	520107	BAR REINFORCING STEEL (BOX CULVERT)	LB	51,803		
147 (F)	520120	HEADED BAR REINFORCEMENT	EA	616		
148 (F)	560218	FURNISH SIGN STRUCTURE (TRUSS)	LB	42,701		
149 (F)	560219	INSTALL SIGN STRUCTURE (TRUSS)	LB	42,701		
150	560233	FURNISH FORMED PANEL SIGN (OVERHEAD)	SQFT	350		
151	560248	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"- UNFRAMED)	SQFT	370		
152	560249	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"- UNFRAMED)	SQFT	63		
153	560252	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-FRAMED)	SQFT	330		
154	561016	60" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	50		
155	566011	ROADSIDE SIGN - ONE POST	EA	20		
156	566012	ROADSIDE SIGN - TWO POST	EA	6		
157	021372	ROADSIDE SIGN - METAL POST	EA	45		
158	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	6		
159	650014	18" REINFORCED CONCRETE PIPE	LF	1,020		
160	650018	24" REINFORCED CONCRETE PIPE	LF	2,380		

BID ITEM LIST

07-215914

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
181 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	19,544		
182 (F)	021380	MISCELLANEOUS METAL (AUSTIN VAULT)	LB	230		
183	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	760		
184	801900	CHAIN LINK GATE	EA	10		
185	832003	METAL BEAM GUARD RAILING (WOOD POST)	LF	130		
186	833032	CHAIN LINK RAILING (TYPE 7)	LF	420		
187 (F)	043330	CHAIN LINK RAILING (TYPE 3 MODIFIED)	LF	944		
188	021381	CHAIN LINK RAILING (TYPE 6 MODIFIED)	LF	2,360		
189	833088	TUBULAR HANDRAILING	LF	1,800		
190 (F)	833142	CONCRETE BARRIER (TYPE 26 MODIFIED)	LF	2,688		
191 (F)	021382	METAL HAND RAILING (TYPE C)	LF	73		
192 (F)	839521	CABLE RAILING	LF	1,021		
193	839541	TRANSITION RAILING (TYPE WB)	EA	1		
194	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	1		
195	839701	CONCRETE BARRIER (TYPE 60)	LF	520		
196	839703	CONCRETE BARRIER (TYPE 60C)	LF	2,930		
197 (F)	043401	CONCRETE BARRIER (TYPE 60G)	LF	234		
198	839706	CONCRETE BARRIER (TYPE 60G)	LF	2,560		
199	839709	CONCRETE BARRIER (TYPE 60GE)	LF	420		
200	021383	PORTABLE CONCRETE BARRIER (TYPE 60K)	LF	1,410		

BID ITEM LIST

07-215914

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
201 (F)	839725	CONCRETE BARRIER (TYPE 736)	LF	2,801		
202	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	32,600		
203	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	3,780		
204	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	6,510		
205	840525	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	LF	26,500		
206	840526	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	LF	6,870		
207	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	6,090		
208	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	3,110		
209	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
210	860300	SIGNAL AND LIGHTING (CITY STREET LOCATION 1)	LS	LUMP SUM	LUMP SUM	
211	860302	SIGNAL AND LIGHTING (CITY STREET LOCATION 2)	LS	LUMP SUM	LUMP SUM	
212	860303	SIGNAL AND LIGHTING (CITY STREET LOCATION 3)	LS	LUMP SUM	LUMP SUM	
213	021384	TEMPORARY SIGNAL AND LIGHTING (CITY STREET)	LS	LUMP SUM	LUMP SUM	
214	860402	LIGHTING (CITY STREET)	LS	LUMP SUM	LUMP SUM	
215 (F)	043402	COMMUNICATION CONDUIT (BRIDGE)	LF	486		
216	860796	SPRINKLER CONTROL CONDUIT (BRIDGE)	LF	470		
217	860797	ELECTRIC SERVICE (IRRIGATION)	LS	LUMP SUM	LUMP SUM	
218	860930	TRAFFIC MONITORING STATION	LS	LUMP SUM	LUMP SUM	
219	021385	MODIFY COMMUNICATION SYSTEM	LS	LUMP SUM	LUMP SUM	
220	021386	WORK AT NORWALK HUB BUILDING AND AT LOS ANGELES REGIONAL TRANSPORTATION MANAGEMENT CENTER	LS	LUMP SUM	LUMP SUM	

BID ITEM LIST**07-215914**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
221	861100	RAMP METERING SYSTEM	LS	LUMP SUM	LUMP SUM	
222	021387	REMOVE RAMP METERING SYSTEM	LS	LUMP SUM	LUMP SUM	
223	861504	MODIFY LIGHTING AND SIGN ILLUMINATION	LS	LUMP SUM	LUMP SUM	
224	021388	BIKE PATH LIGHTING	LS	LUMP SUM	LUMP SUM	
225	BLANK					
226	200116	GRAVEL (MISCELLANEOUS AREAS)	SQYD	1,830		
227	800361	CHAIN LINK FENCE (TYPE CL-6, VINYL CLAD)	LF	1,430		
228	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

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